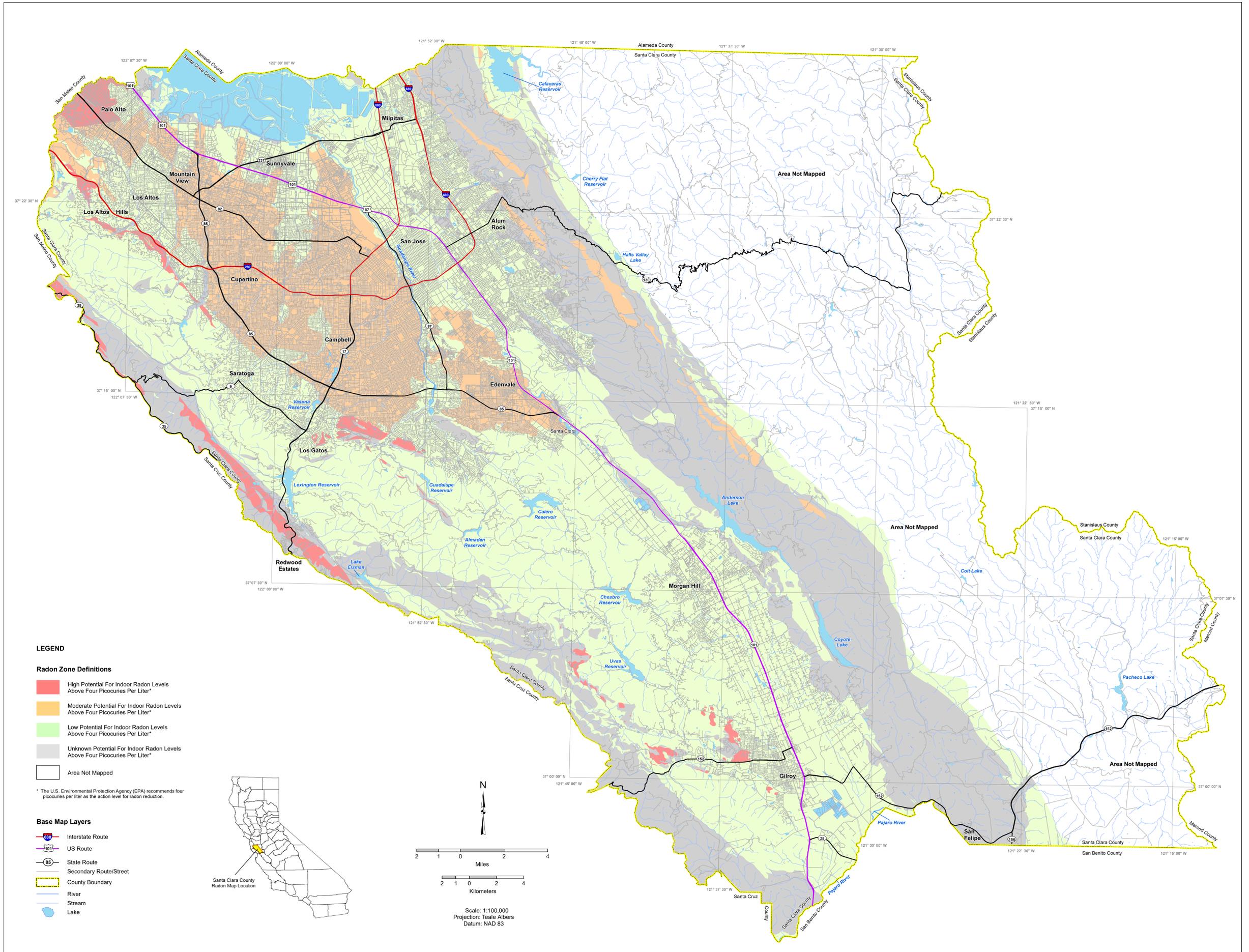


Radon Potential Zone Map for Western Santa Clara County, California

By
Ronald K. Churchill (PG 4265)

2018



LEGEND

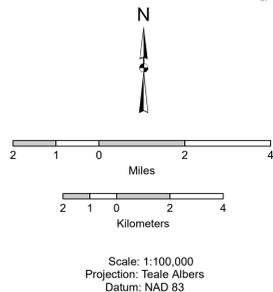
Radon Zone Definitions

- High Potential For Indoor Radon Levels Above Four Picocuries Per Liter*
- Moderate Potential For Indoor Radon Levels Above Four Picocuries Per Liter*
- Low Potential For Indoor Radon Levels Above Four Picocuries Per Liter*
- Unknown Potential For Indoor Radon Levels Above Four Picocuries Per Liter*
- Area Not Mapped

* The U.S. Environmental Protection Agency (EPA) recommends four picocuries per liter as the action level for radon reduction.

Base Map Layers

- Interstate Route
- US Route
- State Route
- Secondary Route/Street
- County Boundary
- River
- Stream
- Lake



MAP USAGE AND LIMITATIONS

This map identifies areas where geologic conditions are more likely to produce excessive indoor radon levels. The map is intended to be advisory only. It is intended to assist national, state and local governments and organizations in targeting their radon program activities and resources. This map is not intended for determining which buildings have excessive indoor radon levels. Besides geology, local variability in such factors as soil permeability, weather and climatic conditions, building design and condition, and building usage also influence indoor radon levels. Consequently, building-specific radon levels can only be determined by indoor radon testing. No warranty as to actual radon levels at specific sites is expressed or implied by this map or the accompanying report.

The U.S. Environmental Protection Agency (EPA) recommends that all homes be tested for radon wherever their geographic location. Homes with elevated radon levels have been found in all zones within Amador, Calaveras, and Tuolumne Counties. The U.S. EPA recommends that action be taken to reduce radon in homes with an average annual level higher than four picocuries per liter (4 pCi/l).

Additional information about radon can be found at the following websites:

California Department of Public Health, Indoor Radon Program:
<http://www.cdph.ca.gov/healthinfo/environhealth/Pages/Radon.aspx>
California Geological Survey-Mineral Resources Program:
http://www.conservation.ca.gov/cgs/minerals/hazardous_minerals/radon/Pages/Index.aspx
U.S. EPA: <http://www.epa.gov/iaq/radon/>

A pdf version of this radon map and the accompanying report is available for viewing and downloading on the CGS Radon webpage at:
http://www.conservation.ca.gov/cgs/minerals/hazardous_minerals/radon/Pages/index.aspx

Paper copies of this radon map and the accompanying report are available for purchase from the California Geological Survey. Orders may be placed by telephoning (916) 322-4207.

Interactive Radon Map of California

The Santa Clara County radon potential zone information provided by this map has been included in the CGS Interactive Radon Map of California available on-line at:
<http://maps.conservation.ca.gov/cgs/radon/>

The Interactive Map allows one to identify locations of interest by entering an address or geographic name (for example, John Doe School) in the search box. If the location is in an area where CGS has completed radon mapping, a pop-up panel will appear containing radon potential information for the location, as well as links to the related CGS radon potential map and report. The pop-up window also has links to Geographic Information System (GIS) files available for download.

GIS development and map layout by Milton Fonseca

Questions regarding this map should be directed to:

California Department of Public Health, Indoor Radon Program
Telephone: (916) 449-5674
Email: Radonprogram@cdph.ca.gov

California Geological Survey
Telephone: (916) 445-1825
Email: mrmmp@consrv.ca.gov

Map Sources (Digital GIS Layers):

Hydrography - NHD-2016
Roads - California Department of Transportation - 2016



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